U.S. Department of Transportation

United States Coast Guard

LOCAL NOTICE TO MARINERS

Coastal Waters From Shrewsbury River, New Jersey to Little River, South Carolina

MONTHLY EDITION

04 April, 2000

OONIS Watchstander, 24 hours a day at (703) 313-5900OO

OOINTERNET ADDRESSOO
HTTP://www.navcen.uscg.mil
OR
FTP://ftp.navcen.uscg.mil

The monthly edition has information concerning the waterways of the Fifth Coast Guard District. Weekly supplemental editions containing only new information will be sent for the rest of the month. NOTE: Chart corrections and Light List changes are published only once each. Subscription to this weekly publication is free. If you have questions about the LNM or wish to be on the mailing list, contact:

COMMANDER, FIFTH COAST GUARD DISTRICT (Aowa)
431 Crawford Street, Portsmouth, Virginia, 23704-5004
Telephone (Day): 757-398-6486. To order LNM: Ext. 6486
24 Hour FAX: (757) 398-6303

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BROADCAST NOTICE TO MARINERS

This section contains corrections to federal and private maintained Aids to Navigation, as well as NOS corrections. The following Broadcast Notice to Mariners (BNM's) have been issued since last week:

CCGD5 (D5)	D5-0195	To 0210
Group Philadelphia	PH-0085	
Group Atlantic City	AC-0092	To 0094
Activities Baltimore	BA-0248	To 0255
Group Eastern Shore	ES-0031	To 0034
Group Hampton Roads	HR-0151	To 0165
Group Cape Hatteras	CH-0052	To 0055
Group Fort Macon	FM-0089	To 0094

REFERENCES: Light List Reference: ATLANTIC COAST, VOLUME 2, COMDTPUB P16502.2, 1999 Edition
U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook to Cape Henry (33rd Edition).
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West (31stEdition).
All bearings are in degrees TRUE - All times are in Local Time unless otherwise noted.

REPORT DEFECTS IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

I SPECIAL NOTICES: This section contains information of Special concern to the Mariner.

LOCAL NOTICE TO MARINERS ON THE INTERNET

Coast Guard District 5 offers the Local Notice to Mariners, (LNM), through the Internet; HTTP://www.navcen.uscg.mil or FTP://ftp.navcen.uscg.mil**.** Customers capable of accessing the LNM by Internet are encouraged to take advantage of this service. Internet use delivers information faster and provides multiple copy customers the ability to print needed amount. The use of the above service would assist with reducing publishing and mailing cost.

Customers deciding to take advantage of the web access vice mailed paper copy should notify COMMANDER, FIFTH COAST GUARD DISTRICT (Aowa) 431 Crawford Street, Portsmouth, Virginia, 23704-5004. The point of contact is QM1 Dennis Maulding at (757) 398-6486, D5LOCAL@LANTD5.USCG.MILLANT.

U.S. COAST GUARD Publication Navigation Rule International – Inland (COMDTINST M16672.2D)

The new version was published on 25 March 1999. Notice to Mariners 44/99 contains the change information. Mariners are advised that new version has the same cover as the old version and is labeled on the binder as edition M16672.C, inside the cover is the cover letter on the inside designating the new version as edition M16672.D which is correct. There is no list of changes to the publication and each mariner is advised to review the publication for any changes.

MAJOR QUALITY ASSURANCE STUDY OF NOS TIDAL CURRENT PREDICTIONS

A major statistical study of subordinate tidal current stations listed in Table 2 of both the Atlantic Coast Current Table (ACCT) and the Pacific Coast Current Table (PCCT) has been completed by the Center for Operational Oceanographic Products and Services (CO-OPS) of the National Ocean Service (NOS). The reasons for the study were:

- All major estuaries are constantly undergoing construction, dredging, and other activities that critically effect the times, speeds, and patterns of the tidal currents within the estuary.
- Older observations were very often of very short duration due to the type of instrumentation available at the time and the costs involved.
- Instrumentation for obtaining continuous current observations have only been available for about ten years and are extremely expensive. These Acoustic Doppler type meters are employed in and are what makes the Physical Oceanographic Real Time Systems (PORTS) possible. Operational PORTS systems providing real time tide, current, and meteorological data to mariners are presently available in only four major estuaries.
- The extremely high cost of obtaining new tidal current observations as well as verifying the accuracy of presently published data preclude the updating of subordinate stations in the published Tidal Current Tables.

Therefore the two criteria the study concentrated on were:

- The age of the data upon which the subordinate station time and speed differences are based.
- The duration of the observations upon which the subordinate station time and speed differences are based.

Just because the original data is *older* than an arbitrary date or the duration of observations is *less* than an arbitrary length does not, in and of itself, mean that the published correction factors are in error. However, it does greatly increase both the *possibility* and *probability* of error. The NOS does not have the funding, personnel, and other resources to verify or update tidal current subordinate stations. Since one of the prime responsibilities of the NOS is Marine Safety and Navigation, this study was ordered.

The results of this study are being evaluated. A major policy decision should be forth coming sometime after January 1, 2000. **This decision could result in the removal of fifty percent (50%) or more of the tidal current subordinate stations now listed in NOS Tidal Current Tables! This reduction in the number of tidal current subordinate stations could occur as early as the year 2001 Tidal Current Tables.**

TIDAL CURRENT PREDICTIONS INSIDE U.S. ESTUARIES

At present there are four U.S. estuaries with operational Physical Oceanographic Real Time Systems (PORTS) installed. PORTS systems are presently being installed in several additional estuaries. Over the next ten years there are projected to be twenty or more additional systems installed. In the past, the tidal current reference station has always been located at the entrance to each estuary. All tidal current secondary stations both inside and outside (along the coast) have been referred to the reference station at the entrance to the estuary. This will no longer be the case in estuaries with an operational PORTS system.

Estuaries with an operational PORTS system will have at *least* two reference stations. One will be the historic station at the entrance to the estuary. All secondary stations along the coast will continue to be referred to this station. The second tidal current reference station will be the primary PORTS station within the estuary. All secondary locations within the estuary itself will be referred to this location. Depending on the circulation dynamics of the estuary, daily tidal current predictions may be provided for one or more additional stations within the estuary.

Tidal current predictions for Galveston Bay, TX, have been converted to this new format in the year 2000 edition of the Atlantic Coast Current Table (ACCT). Tidal current predictions for San Francisco Bay, CA; Tampa Bay, FL; and New York Harbor, NY are scheduled for conversion to this new format for the 2001 Tidal Current Tables. This format will be extended to each estuary as each new PORTS system is installed and becomes fully operational.

Users should be aware that receivers and applications, such as electronic charting systems, might also experience difficulties during transition periods. Users are advised to contact manufacturers of their receivers and applications to determine if they will operate properly during transition periods. Questions or comments should be referred to the Coast Guard Navigation Center (NAVCEN) at (703) 313-5900. Additional information can also be found at the NAVCEN web site at HTTP://WWW.NAVCEN.USCG.MIL

RIGHT WHALE - REPORTING AREA - INFORMATION

a. **WHALESSOUTH:** The geographical boundaries of the southeast reporting system include coastal waters within about 25 nautical miles along a 90 nautical mile stretch of the Atlantic seaboard in Florida and Georgia. The area extends from the shoreline east to longitude 80°51.60'W with the southern and northern boundaries at latitudes 30°00.00'N and 31°27.00'N, respectively. NOAA Chart No. 11009.

Email: RightWhale.MSR@noaa.gov or Telex: 236737831

a. Vessels not equipped with INMARSAT C should report directly to one of the below addresses via alternate satellite communications equipment.

REPORTING METHOD

b. Vessels are required to report specific ship information to the Coast Guard upon entry into the reporting area. Direct reports should be made via INMARSAT C to one of the below addresses.

c. Vessels unable to use satellite communications equipment should contact the U.S. Coast Guard Communication Area Master Station, Chesapeake, VA via SITOR/NBDP on 8426.3 kHz, 12590.8 kHz, 16817.8 kHz twenty four hours per day, or 6314.3 kHz from 2300 GMT until 1100 GMT and 22387.8 kHz from 1100 GMT until 2300 GMT.

d. Vessels unable to use satellite communications or SITOR/NBDP should contact the U.S. Coast Guard Communication Area Master Station, Chesapeake, VA via published voice frequencies.

REPORTING INSTRUCTIONS

a. Vessels shall report the following information in accordance with the IMO format in Resolution A.648(16) General Principles for Ship Reporting Systems and Ship Reporting Requirements.

Paragraph	Function	Information Required
System name	System identifier	WHALESSOUTH.
A	Ship	Vessel name and call sign.
B	Date, time, and month of report	Six digit group giving day of month and time, single letter indicating time zone, and three letters indicating month.
E	True course	3-digit number indicating true course.
F	Speed in knots and tenths	3-digit group indicating knots and tenths.
H	Date, time, and point of entry into system	Date and time expressed as in (B) and latitude and longitude expressed as a four digit group giving latitude, the letter N indicating north, followed by a / , a five digit group giving longitude, and the letter W indicating west.
I	Destination and ETA	Name of port and arrival time expressed as in (B).
Paragraph	**Function**	**Information Required**
L	Route information	Route information should be reported as either a direct rhumbline to port (RL) and intended speed expressed as in (F), or a series of way points (WP). Vessels reporting waypoints should include latitude and longitude, expressed as in (H), and intended speed between waypoints. For vessels transiting within a traffic separation scheme (TSS), give only the waypoints and intended speed for entry and departure of TSS.

b. Reports shall follow the prescribed format shown below. Reports should be sent as a direct email or telex. Use of batch message routing services may delay receipt of a report:

c. **WHALESSOUTH** – TO: RightWhale.MSR@noaa.gov

WHALESSOUTH//
A/BEAGLE/NVES//
B/270810Z MAR//
E/250//
F/17.0//
H/270810Z MAR/3030N/08052W//
I/MAYPORT/271215Z MAR//
L/RL/17.0//

CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

The aids to navigation depicted on charts comprise a system of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid. With respect to buoys, the buoy symbol is used to indicate the approximate position of the buoy body and the sinker, which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecision's in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain, and the fact that buoy body and/or sinker positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice, running ice or other natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to

navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

VA - WILLOUGHBY BAY - THIMBLE SHOALS CHANNEL - HELICOPTER AIRBORNE MINE COUNTERMEASURES OPERATIONS

Helicopter Mine Countermeasures Squadron Fourteen (HM-14) routinely conducts airborne mine countermeasures (AMCM) operations utilizing the MH-53E helicopter at low altitudes over the following inland and coastal waterways:

- Willoughby Bay
- Thimble Shoals channel from the Naval Station Norfolk piers to the Chesapeake Bay Bridge Tunnel.
- An area of the Chesapeake Bay, adjacent to the Thimble Shoals channel from Thimble Shoals to the Chesapeake Bay bridge tunnel extending to the north four miles to form a four by seven mile rectangle.

During these operations, the aircraft will be operating at altitudes as low as seventy-five feet and will produce localized winds in excess of 125 miles per hour. Rotor wash produced winds pose a considerable hazard to vessels, especially sailing vessels. The devices the helicopters tow range in size and appearance from a large orange and white sled approximately the size of a pick up truck to slightly submerged steel pipes thirty feet in length, both of which have submerged cable extending well beyond the visible portion of the towed device. The Aircraft Commanders have been directed to exercise every effort to conflict and avoid surface vessels.

All mariners are requested to remain well clear of the helicopters, the towed devices, and the area extending directly behind the aircraft for four hundred yards. Do not approach or cross the area directly behind the towed device as a submerged hazard exists regardless of whether the device is in motion or stationary.

VA - SEACOAST/THIMBLE SHOAL CHANNEL - Low Altitude Helicopter Operations:

Mariners are advised that helicopter mine countermeasures (AMCM) operations will be conducted during daylight hours in the area bounded by the following points:

SEACOAST

37°00'00"N 75°55'00"W
37°30'00"N 75°34'00"W
37°30'00"N 75°30'00"W
37°00'00"N 75°30'00"W

36°55'00"N 75°55'00"W
36°55'00"N 75°30'00"W
36°30'00"N 75°30'00"W
36°30'00"N 75°47'00"W

CHESAPEAKE ENT

36°54'51"N 75°47'17"W
36°52'09"N 75°43'39"W
36°54'09"N 75°48'07"W
36°51'26"N 75°44'30"W

36°58'24"N 75°44'24"W
36°59'01"N 75°43'26"W
36°53'09"N 75°36'36"W
36°52'23"N 75°37'34"W

CHESAPEAKE ENT

36°54'51"N 75°47'17"W
36°52'09"N 75°43'39"W
36°54'09"N 75°48'07"W
36°51'26"N 75°44'30"W
36°58'24"N 75°44'24"W
36°59'01"N 75°43'26"W
36°53'09"N 75°36'36"W
36°52'23"N 75°37'34"W

36°57'15"N 75°45'31"W
36°56'45"N 75°44'28"W
36°52'03"N 75°49'17"W
36°51'26"N 75°48'12"W

36°52'59"N 75°50'12"W
36°52'28"N 75°49'09"W
36°55'00"N 75°47'10"W
36°55'32"N 75°48'13"W

SMITH ISLAND SHOAL

37°06'42"N 75°44'54"W
37°04'42"N 75°38'36"W
37°03'43"N 75°44'54"W
37°02'43"N 75°38'36"W

37°03'42"N 75°44'54"W
37°03'42"N 75°38'36"W
37°01'43"N 75°44'54"W
37°01'43"N 75°38'36"W

37°05'24"N 75°42'14"W
37°05'24"N 75°39'46"W
37°01'30"N 75°42'14"W
37°01'30"N 75°39'46"W

THIMBLE SHOAL CHNL

37°00'27"N 76°12'46"W
37°01'23"N 76°12'24"W
37°00'09"N 76°07'38"W
36°59'12"N 76°08'01"W

These operations involve large naval helicopters at flight altitudes of 100 feet or less, towing surface and sub-surface devices at speeds up to 25 knots. Helicopters may be identified by a rotating amber position light on centerline of main hull flashing 90 times per minute. An area of hurricane-force winds exists within a 250-foot radius around these helicopters, sufficient to blow people and objects from exposed decks and capsize small craft. The towed devices may be completely invisible and include large cables on or just below the surface streaming up to 1200 feet behind the aircraft. AMCM helicopters will transit to and from the area described above in the following manner: Outboard from the seaplane ramp at the Norfolk Naval Air Station across Willoughby Bay to the main shipping channel, then easterly along the main channel to Buoy 21. From Buoy 21 either East, SE or SSE to the operating area. The return flight will follow the same path as the outbound flight. To minimize the potential for mishap, vessels are requested to remain well clear of these danger zones when AMCM operations are encountered.

Chart: 12200, 12205, 12221, 12222, 12254

HIGH SEAS DRIFTNET (HSDN) ACTIVITY

IN 1991 the United Nations passed resolution 46/215 prohibiting the use of large scale driftnets on the high seas, world wide. The U.S. Congress subsequently passed the High Seas Driftnet Enforcement Act, establishing prohibitions and sanctions against the use of driftnets.

HSDN and vessel characteristics:

HSDN vessels characteristics are similar to foreign squid vessels and long liners with a working deck forward of the superstructure amidships. The most distinguishing characteristic of a HSDN vessel is the large tube running from the working deck amidships to the net bin aft. HSDN vessels are typically 30 to 40 meters (100 to 150 feet) in length. HSDN vessels typically operate seaward of the U.S. 200 NM Exclusive Economic Zone. Other characteristics include extra bags of net piled about the decks, net marker buoys on the open side of the working deck. When identifying HSDN vessels please note if there is a flag flying and any name or numbers on the hull. Driftnets in the water will have white and yellow floats and a large round buoy marking both ends. Nets in excess of 2.5 km (1.5 miles) are illegal. Pictures identifying HSDN vessels characteristics can be provided upon request at (510) 437-3700 or Telex 172343. Public information on HSDN vessels and activity will greatly assist the U.S. Coast Guard's efforts to enforce the United Nations moratorium against HSDN fishing.

AVAILABILITY OF A NATIONAL OCEAN SERVICE CRITICAL CHART CORRECTIONS WEB SITE
The Office of Coast Survey, National Ocean Service (NOS), NOAA, announces a new Internet service to the marine public at the following web site: http://chartmaker.ncd.noaa.gov

This service provides advance notification of critical chart corrections identified by NOS cartographers during nautical chart updating activities. Critical chart corrections are either recently identified hazards to navigation or are information regarded by NOS as essential for safe navigation, e.g. channel conditions, bridge and cable clearances, regulatory changes. Critical chart corrections posted on this web site are forwarded to the United States Coast Guard (USCG) and the National Imagery and Mapping Agency (NIMA) for inclusion in their Local Notice To Mariners (LNM) and Notice To Mariners (NM) respectively. Additionally, updates to the United States Coast Pilot, Volumes 1-9, are posted on this web site.

This web site must not be viewed as a substitute for either the USCG LNM or the NIMA NM. Aid to navigation changes and other important information published in USCG and NIMA notices are not available on this web site.

NATIONAL OCEAN SERVICE - CHARTS, PUBLICATIONS, AND TABLES
Sales agents for Charts and Coast Pilots of the National Ocean Service are located in many U. S. ports and in some foreign ports. A list of authorized sales agents and chart catalogs is available free upon request from National Ocean Service, Distribution Division (N/ACC3), 6501 Lafayette Avenue, Riverdale, Maryland 20737.

VIRGINIA - SEACOAST - VACAPES OPAREA - HAZOPS - FIRING EXERCISE
Firing hazardous to surface vessels maybe conducted at anytime in the following vicinity starting approximately. 20 NM off Cape Charles, VA. In the Virginia Capes operating area: Beginning at 37-15N 075-30W to 37-15N 074-30W to 37-05N 074-30W To 37-00N 075-30W thence to point of beginning. Mariners should use extreme caution when transiting the area.

NJ - DE - SEACOAST - Sonobuoy Operations
Mariners are advised that sonobuoy operations will be conducted during daylight hours in the area bounded by the following points:
38°36'00"N 075°00'00"W
38°45'00"N 074°53'00"W
38°45'00"N 074°20'00"W
38°00'00"N 073°05'00"W
38°00'00"N 075°11'00"W
These operations involve aircraft dropping objects at low altitudes. Mariners should exercise extreme caution when transiting the area.
Chart: 12200, 12214

OpSAIL 2000 Information
OpSAIL 2000 will began 14 June, 2000 as the Tall Ships enter the District Five Area. The Parade of Sails will begin on 15 June, 2000 in the Hampton Roads area. The Parade of Sails will begin on 23 June, 2000 in the Baltimore and Philadelphia areas. All mariners are requested to stay clear of the parades and observe the Rules of the Road.
http://festeventsva.org/opsail.html
http://opsailvirginia.com
http://www.opsail2000.org
http://www.uscg.mil/d5/mso/hamptonroads/opsail.htm

II DISCREPANCIES: The following is a summary of uncorrected discrepancies in aids to navigation as of **8:00 A.M., 04 April, 2000.** Discrepancies will be corrected as soon as possible, and printed in the discrepancy list each week until corrected. All aids are listed in the Coast Guard Light List, Volume II 1999 (COMDTPUB P16502.2)

DISCREPANCIES

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
10.00	Barnegat Lighted Buoy B	RAC INOP	12300	0084AC	13/00
440.00	Chesapeake Bay South Approach LB 6	LT EXT	12200	0129HR	11/00
1120.00	Little Egg Inlet Lighted Buoy D	MISSING	12318	0088CH	14/00
1630.00	Delaware Bay Main Channel LB 35	LT DIM	12304	0020AC	06/00
2115.00	Rehoboth Bay Channel Lighted Buoy 9	MISSING	12216	0032ES	14/00
2130.00	Rehoboth Bay Channel Lighted Buoy 13	LT EXT	12216	0030ES	13/00
2635.00	Reedy Island Range Wreck Light WR10R	TRLB	12311	0396PH	39/99
3230.00	Chester Range Front Light	LT EXT	12312	0095PH	14/00
3685.00	Upper Delaware River Channel Buoy 9	BUOYSINK	12314	0052PH	07/00
3775.00	Upper Delaware River Channel LB 18	LT EXT	12314	0056PH	08/00
3785.00	Rancocas Creek Junction LB RC	OFF STATION	12313	0041PH	06/00
4470.00	Pepper Creek Buoy 10	OFF STA	12216	0028ES	13/00
4555.00	Indian River Channel Warning DBN	DBN DMGD	12216	NONEES	14/00
4996.00	Sinupxent Bay Daybeacon 1A	TR_UB	12211	0031ES	13/00
5095.00	Sinepuxent Bay Channel Buoy 23	TR_UB	12211	0020ES	10/00
5295.00	Chincoteague Inlet Lighted Buoy 5	LT EXT	12210	0156ES	50/99
5326.00	Chincoteague Channel Daybeacon 12A	DBN DMGD	12211	0010ES	06/00
5760.00	Virginia Inside Passage DBN 50	TRUB/DEST	12210	0089ES	23/97
5830.00	Virginia Inside Passage DBN 73	TRUB	12210	0147ES	47/99
5835.00	Virginia Inside Passage DBN 75	TRUB	12210	0146ES	47/99
5855.00	Parker Creek Channel Daybeacon 2	TRUB	12210	0037ES	05/98
5865.00	Parker Creek Channel Daybeacon 6	TRUB	12210	0051ES	05/98
6080.00	Virginia Inside Passage DBN 145	TRUB	12210	0130ES	41/99
6265.00	Virginia Inside Passage DBN 196	TRUB	12221	0080ES	30/99
6605.00	Wachapreague Inlet Buoy 1	BUOYDMGD	12210	0033ES	14/00
6725.00	Quinby Inlet Buoy 8	OFF STA	12210	0154ES	47/99
6737.00	Quinby Channel Daybeacon 2	DBN DMGD	12210	0027ES	13/00

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
6755.00	Quinby Creek Daybeacon 2	DBN DMGD	12210	0116ES	38/99
6790.00	North Inlet Light 1	LT EXT	12210	0004ES	03/00
6915.00	Great Machipongo Channel Light 6	DBN DMGD	12210	0005ES	03/00
7295.00	Rappahannock Shoal CH South RR LT	LT EXT	12225	0963HR	50/99
8120.00	Sevenfoot Knoll Light	LT IMCH	12273	0223BA	11/00
8390.00	Brewerton Channel E Ext RF LT	EXT	12273	0079BA	06/00
9045.00	Elk River Channel Light Buoy 18	OFF STA/LT EXT	12273	0137BA	07/00
9050.00	Elk River Channel Light Buoy 19	LT EXT	12273	0203BA	10/00
9075.00	Elk River Channel Lighted Buoy 20	LT EXT	12273	0138BA	07/00
9525.00	Elizabeth River Channel LB 11	OFF STA	12245	0162HR	14/00
9760.00	Western Branch Channel Daybeacon 6	TR_UB	12253	0090HR	08/00
11780.00	Deep Water Shoals Light	LT EXT	12248	0103HR	09/00
11965.00	Hog Island Junction Lighted Buoy HI	LT IMCH	12248	0120HR	11/00
12585.00	Appomattox River Channel DBN 14	TRUB	12251	0711HR	39/99
13685.00	West Branch Channel Buoy 20	MISSING	12238	0793HR	41/99
13955.00	Upper York River Daybeacon 21	TR_UB	12243	0955HR	14/00
14135.00	Davis Creek Channel Daybeacon 4	TRUB	12238	0166HR	11/99
14805.00	Milford Haven Daybeacon 10	TR_UB	12225	0092HR	08/00
16170.00	Dividing Creek Daybeacon 9	TRUB	12225	0062HR	06/00
18685.00	Four Mile Run Daybeacon 6	TRUB/SHOALING	12285	NONEBA	14/97
20790.00	Hawkins Point Buoy WR 1	BUOYSINK	12273	0035BA	05/00
21665.00	Nassawadox Creek Daybeacon 8	TRUB	12226	1150HR	19/99
22250.00	Pocomoke Sound Shoal Light 7	DBN IMCH	12228	0153BA	08/00
22320.00	Guilford Creek Daybeacon 7	DBN IMCH	12225	0247FM	27/99
22505.00	Pocomoke River Light 1PR	LT DMGD	12228	0097BA	06/00
22555.00	Pocomoke River Channel Buoy 12	MISSING	12228	0102BA	06/00
22560.00	Pocomoke River Channel Buoy 13	MISSING	12228	0103BA	06/00
22565.00	Pocomoke River Buoy 14	MISSING	12228	0104BA	06/00
22815.00	Janes Island Light	LT EXT	12228	0224BA	11/00
23005.00	Rhodes Point Gut Channel DBN 5	OFF STA	12228	0229BA	12/00
23075.00	Big Thorofare Channel Daybeacon 20	TR_UB	12228	0245BA	13/00
23145.00	Tyler Creek Channel Daybeacon 9	MISSING	12231	0120BA	07/00
23150.00	Tyler Creek Channel Light 11	MISSING	12231	0119BA	07/00
23585.00	Tangier Sound Lighted Buoy 16	IMP CHAR	12231	0091HR	06/00
23760.00	Wicomico River Channel Light 12	LT EXT	12230	0148BA	14/00
23775.00	Wicomico River Channel Light 15A	TR_LB	12230	0243BA	13/00
24510.00	Honga River Daybeacon 6	MISSING	12230	0210BA	12/00
26970.00	Shallow Creek Daybeacon 5	TR_LB	12273	0246BA	14/00
27600.00	Susquehanna River Channel LB 3	OFF STA	12273	0125BA	07/00
28003.00	Oregon Inlet Lighted Buoy 6	MISSING	12204	0280CH	52/99
28015.00	Oregon Inlet Lighted Buoy 9	MISSING	12204	0010CH	06/00
28030.00	Oregon Inlet Buoy 13	TRUB	12204	0246CH	44/99
28130.00	Oregon Inlet Channel Buoy 37	OFF STA	12204	0054CH	14/00
28140.00	Oregon Inlet Channel Buoy 40	MISSING	12204	0054CH	14/00
28141.00	Oregon Inlet Light 41	TR_UB	12204	0287CH	01/00
28150.00	Oregon Inlet Channel Daybeacon 44	MISSING	12204	0054CH	14/00
28205.00	Old House Channel Buoy 2	OFF STA	12204	0054CH	14/00
28275.00	Old House Channel Buoy 17	MISSING	12204	NONECH	07/00
28285.00	Old House Channel Daybeacon 19	TR_UB	12204	0025CH	06/00
28290.00	Old House Daybeacon 20	MISSING	12204	NONECH	09/00
28900.00	Ocracoke Inlet Buoy 1	TRUB	11548	NONECH	47/99
30316.00	Cape Fear River Approach LWB CF	OFF STA	11536	NONEFM	09/00
30318.00	Cape Fear River Channel LB 2	LT EXT	11536	0030FM	05/00
31260.00	Knotts Island Ferry Terminal LT 4	MISSING	12205	0013CH	05/00
31895.00	Chowan River Daybeacon 32	TRUB	12205	NONECH	40/99
32075.00	Stumpy Point Target Warning Light E	TRLB	12204	0031CH	05/99
32100.00	Pingleton Shoal Light 1PS	TR_LB	11555	NONECH	14/00
32495.00	Brant Island Warning Light A	LT EXT	11548	NONEFM	40/99
32530.00	Brant Island Warning Light G	MISSING	11548	NONEFM	40/99
32580.00	Brant Island Warning Daybeacon Q	DBN DMGD	11548	NONEFM	40/99
32620.00	Brant Island Warning Light Y	MISSING	11548	NONEFM	40/99
32865.00	Wright Creek Light 2	TR_LB	11548	0071FM	11/00
32880.00	Wright Creek Daybeacon 6	DBN DMGD	11548	0070FM	11/00
33010.00	Pungo River Channel Daybeacon 15	DBN DMGD	11548	0087FM	14/00
33723.00	Whittaker Creek Daybeacon 3	TR_UB	11541	NONEFM	14/00
33760.00	Smith Creek Channel Daybeacon 3	TR_UB	11541	0054	08/00
34155.00	Neuse River Daybeacon 52	TR_UB	11552	0057FM	09/00
34355.00	Core Sound Daybeacon 6	TR_UB	11544	0089FM	14/00
34465.00	Core Sound Warning Daybeacon	MISSING	11544	NONEFM	14/00
34495.00	Atlantic Channel Daybeacon 1	TR_UB	11544	0088FM	14/00
34520.00	Core Sound Light 24	MISSING	11544	NONEFM	36/99
34555.00	Sealevel Channel Light 3	TRLB	11544	0155FM	19/99
34628.00	Core Sound Daybeacon 37	TR_UB	11545	NONEFM	14/00
34765.00	North River Daybeacon 8 (CORE SOUND	TRUB	11543	0281FM	31/99

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
36880.00	Southern Branch Light 20	TR_LB	12206	0011HR	03/00
37410.00	Great Bridge Albemarle SD DBN 45	TRUB	12206	0049HR	06/00
37590.00	Great Bridge Albemarle Sound LT 111	TR_LB	12206	NONECH	06/00
38075.00	Pungo River Channel Daybeacon 16	DBN DMGD	11548	NONEFM	14/00
38085.00	Pungo River Channel Daybeacon 14	TR_UB	11548	0046FM	09/00
39310.00	Bogue Sound/New River Daybeacon 76	TR_UB	11541	0091FM	14/00
39565.00	New River Cape Fear River DBN 105	TR_UB	11541	0078FM	13/00
39810.00	Wilmington Shortcut Daybeacon 9	TR_UB	11534	0056FM	09/00

DISCREPANCIES CORRECTED (Since 29 February, 2000)

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
490.00	Chesapeake Bay South Approach LB 16	WATCHING PROPERLY	12200	0130HR	11/00
600.00	Oregon Inlet Approach LWB OI	RELIGHTED	12204	0052CH	13/00
1225.00	Absecon Inlet Buoy 10	WATCHING PROPERLY	12318	0072AC	11/00
1585.00	Miah Maull Shoal Light	WATCHING PROPERLY	12304	0073AC	11/00
1615.00	Delaware Bay Main Channel LB 31	WATCHING PROPERLY	12304	0093AC	14/00
2445.00	Liston Range Front Light	RELIGHTED	12311	0093PH	14/00
2510.00	Baker Range Rear Light	RELIGHTED	12311	0077PH	12/00
2910.00	Deepwater Point Range Rear Light	RELIGHTED	12311	0094PH	14/00
3585.00	Back Channel Light 1	WATCHING PROPERLY	12312	0074PH	12/00
3620.00	Delaware River Lighted Buoy 52	WATCHING PROPERLY	12312	0076PH	12/00
4105.00	Florence Upper Range Rear Light	WATCHING PROPERLY	12314	0068PH	11/00
5125.00	Sinepuxent Bay Channel Buoy 31	REBUILT/RECOVERED	12211	NONEES	11/00
5130.00	Sinepuxent Bay Channel LB 33	RESET ON STATION	12211	NONEES	11/00
5375.00	Chincoteague Channel LB 23	WATCHING PROPERLY	12210	0008ES	05/00
5945.00	Virginia Inside Passage Light 106	RELIGHTED	12210	0025ES	12/00
6245.00	Virginia Inside Passage Light 191	RELIGHTED	12210	0022ES	11/00
6410.00	Virginia Inside Passage Light 224	RELIGHTED	12224	0023ES	11/00
6530.00	Virginia Inside Passage Light 252	WATCHING PROPERLY	12224	0099-HR	08/00
6570.00	Virginia Inside Passage DBN 263	WATCHING PROPERLY	12224	0099HR	08/00
7830.00	Chesapeake Channel Lighted Buoy 91	RESET ON STATION	12263	0038BA	05/00
8220.00	Fort McHenry Channel Range Front LT	RELIGHTED	12273	0231BA	12/00
8255.00	Fort McHenry Channel Lighted Buoy 7	WATCHING PROPERLY	12278	0134BA	07/00
8275.00	Fort McHenry Channel Buoy 11	WATCHING PROPERLY	12273	0216BA	11/00
8475.00	Upper Chesapeake Channel LB 18	RELIGHTED	12273	0200BA	10/00
8610.00	Upper Chesapeake Channel LB 36	WATCHING PROPERLY	12273	0237BA	12/00
8975.00	Turkey Point Light	DISCONTINUED	12274	0180BA	09/00
9255.00	Thimble Shoal Channel LBB 9	RELIGHTED	12221	0158HR	14/00
9565.00	Norfolk International Terminal B 6	RESET ON STATION	12206	0140HR	12/00
9600.00	Elizabeth River Channel LB 18	RELIGHTED	12245	0136HR	11/00
9850.00	Elizabeth River Channel LB 33	RELIGHTED	12206	0132HR	11/00
11120.00	Nansemond River Channel Light 25	WATCHING PROPERLY	12248	0127HR	11/00
12835.00	Horseshoe West Channel Light 3	RELIGHTED	12222	0152HR	14/00
12925.00	Back River Channel Light 5	WATCHING PROPERLY	12221	0133HR	11/00
12935.00	Back River Channel Light 7	WATCHING PROPERLY	12221	0134HR	11/00
13145.00	Poquoson Flats Channel DBN 2PF	WATCHING PROPERLY	12221	0122HR	11/00
13435.00	York River Entrance Channel LB 9	WATCHING PROPERLY	12238	0131HR	11/00
13498.00	York River Lighted Bell Buoy 19	RELIGHTED	12238	0138HR	12/00
13980.00	Upper York River Light 22	RELIGHTED	12243	0123HR	11/00
15205.00	Whiting Creek Buoy 2	RESET ON STATION	12235	0117HR	11/00
15210.00	Whiting Creek Buoy 3	RESET ON STATION	12235	0117HR	11/00
15645.00	Rappahannock River Buoy 37	RESET ON STATION	12237	0066HR	06/00
15675.00	Rappahannock River Buoy 47	RESET ON STATION	12237	0046HR	06/00
15710.00	Rappahannock River Buoy 57	RELOCATED	12237	0047HR	06/00
15730.00	Rappahannock River Buoy 63	WATCHING PROPERLY	12237	0067HR	06/00
17160.00	St Clements Bay Light 2	REBUILT/RECOVERED	12285	0165BA	09/00
17250.00	Wicomico Riv JCT B WR (POTOMAC RVR)	WATCHING PROPERLY	12231	0191BA	09/00
17475.00	Mattox Creek Light 1	REBUILT/RECOVERED	12285	0230BA	12/00
18231.00	Neabsco Creek Daybeacon 1	WATCHING PROPERLY	12285	0234BA	12/00
18232.00	Neabsco Creek Daybeacon 2	WATCHING PROPERLY	12285	0235BA	12/00
18515.00	Piscataway Creek Light 2	WATCHING PROPERLY	12285	0213BA	11/00
18930.00	Swash Daybeacon 2	WATCHING PROPERLY	12230	0214BA	11/00
19885.00	Eastport Harbor Entrance Light 2E	WATCHING PROPERLY	12263	0215BA	11/00
20005.00	Severn River Daybeacon 9	WATCHING PROPERLY	12273	0242BA	13/00
20115.00	Sillery Bay Light 1	WATCHING PROPERLY	12273	0211BA	10/00
20440.00	Pennwood Channel Buoy 2PW	WATCHING PROPERLY	12273	0247BA	14/00
21820.00	Nandua Creek Channel Daybeacon 17	REBUILT/RECOVERED	12225	NONEHR	08/00
21835.00	Nandua Creek Channel Daybeacon 22	REBUILT/RECOVERED	12225	NONEHR	08/00
22130.00	Chesconessex Creek Light 2	RELIGHTED	12210	0236BA	12/00
22545.00	Pocomoke River Channel Light 10	REBUILT/RECOVERED	12228	0190BA	10/00
22835.00	Little Annemessex River Daybeacon 5	REBUILT/RECOVERED	12228	0144BA	08/00

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
23280.00	Big Annemessex River Light 1	REBUILT/RECOVERED	12230	0166BA	08/00
23480.00	Kedges Straits Lighted Bell Buoy 5	WATCHING PROPERLY	12261	0112BA	07/00
23515.00	Tangier Sound Mid-Channel Buoy T	RESET ON STATION	12230	0084BA	07/00
23790.00	Wicomico River Channel Light 18	REBUILT/RECOVERED	12230	0148BA	08/00
23805.00	Wicomico River Channel Daybeacon 19	REBUILT/RECOVERED	12230	0151BA	08/00
23815.00	Wicomico River Channel Daybeacon 22	REBUILT/RECOVERED	12230	00150BA	08/00
23820.00	Wicomico River Channel Light 23	REBUILT/RECOVERED	12230	0152BA	08/00
23940.00	Wicomico River Channel Buoy 50	REBUILT/RECOVERED	12261	0124BA	07/00
23965.00	Nanticoke River Entrance Light 1	WATCHING PROPERLY	12230	0164BA	08/00
23970.00	Nanticoke River Daybeacon 4	WATCHING PROPERLY	12230	0164BA	08/00
24045.00	Bivalve Channel Light 1	REBUILT/RECOVERED	12230	0162BA	09/00
24135.00	Nanticoke River Daybeacon 31	REBUILT/RECOVERED	12261	0130BA	10/00
24155.00	Nanticoke River Light 36	RELIGHTED	12261	0205BA	10/00
24160.00	Nanticoke River Light 38	RELIGHTED	12261	0206BA	10/00
24510.00	Honga River Daybeacon 6	WATCHING PROPERLY	12230	0210BA	10/00
24845.00	Choptank River Entrance LB 12A	RELIGHTED	12266	0219BA	11/00
24985.00	Choptank River Channel LB 21	WATCHING PROPERLY	12266	0220BA	11/00
25030.00	Cambridge Channel Lighted Buoy 1	RESET ON STATION	12268	0126BA	07/00
25320.00	Tred Avon River Light 1	RELIGHTED	12263	0218BA	11/00
25455.00	Tred Avon River Light 10	RELIGHTED	12266	0217BA	11/00
25670.00	Broad Creek Light 4	RELIGHTED	12263	0209BA	10/00
25855.00	Tilghman Island Harbor Light 5	REBUILT/RECOVERED	12263	0470BA	41/99
25880.00	Harris Creek Light 5	REBUILT/RECOVERED	12263	0017BA	10/00
26015.00	Claiborne Channel Light 1	REBUILT/RECOVERED	12263	0226BA	12/00
26115.00	Wye River Daybeacon 3	WATCHING PROPERLY	12270	0182BA	09/00
28145.00	Oregon Inlet Channel Buoy 42	RELOCATED	12204	0051CH	13/00
28230.00	Old House Channel Light 8	RELIGHTED	12204	0016CH	05/00
28663.00	Hatteras Inlet Lighted Buoy 6A	DISCONTINUED	11555	0274CH	50/99
28755.00	Hatteras Inlet Daybeacon 17	REBUILT/RECOVERED	11555	0281CH	52/99
28815.00	Rollinson Channel Light 30	RELIGHTED	11555	0019CH	06/00
28905.00	Ocracoke Inlet Lighted Buoy 2	RELIGHTED	11548	0021CH	06/00
29055.00	Big Foot Slough Channel Light 9	REBUILT/RECOVERED	11548	0014CH	06/00
29060.00	Big Foot Slough Channel Light 10	RELOCATED	11548	0047CH	12/00
29075.00	Big Foot Slough Channel DBN 12	REBUILT/RECOVERED	11548	0009CH	05/00
29328.00	Beaufort Inlet Channel LWB "BM"	WATCHING PROPERLY	11543	0076FM	12/00
29495.00	Bogue Inlet Buoy 1	RESET ON STATION	11541	0073FM	12/00
29500.00	Bogue Inlet Buoy 2	RESET ON STATION	11541	0073FM	12/00
30492.00	Federal Point Range Rear	RELIGHTED	11534	0090FM	14/00
30635.00	Cape Fear River Channel LB 28	RELIGHTED	11534	0077FM	12/00
33500.00	Point Of Marsh Daybeacon	DISCONTINUED	11541	0187FM	21/99
33770.00	Smith Creek Channel Light 6	REBUILT/RECOVERED	11541	0050FM	08/00
34460.00	Core Sound Light 19A	WATCHING PROPERLY	11544	0034FM	06/00
34810.00	Beaufort Harbor Channel Light 1	REBUILT/RECOVERED	11541	0065FM	10/00
34907.30	Chimney Island Slough Daybeacon	WATCHING PROPERLY	11541	0085FM	13/00
36035.00	New Jersey ICW Daybeacon 272	WATCHING PROPERLY	12316	0076AC	12/00
37440.00	Great Bridge Albemarle Sound LT 55	RELOCATED	12206	0050HR	06/00
37450.00	Great Bridge Albemarle SD DBN 59	REBUILT/RECOVERED	12206	0096HR	08/00
37535.00	Great Bridge Albemarle SD DBN 91	REBUILT/RECOVERED	12206	0035CH	08/00
37560.00	Great Bridge Albemarle SD DBN 100	RELOCATED	12206	0034CH	09/00
37570.00	Great Bridge Albemarle SD DBN 104	RELOCATED	12206	NONEFM	06/00
37580.00	Great Bridge Albemarle SD DBN 107	REBUILT/RECOVERED	12206	NONECH	06/00
37600.00	Great Bridge Albemarle SD DBN 112	RELOCATED	12206	0032CH	08/00
37665.00	Great Bridge Albemarle SD DBN 132	REBUILT/RECOVERED	12204	0032CH	08/00
38310.00	Adams Creek Range A Front Light 7	WATCHING PROPERLY	11541	0079FM	12/00
38890.00	Bogue Sound Light 13	RELIGHTED	11541	0084FM	13/00
39967.00	Federal Point Range Rear	RELIGHTED	11534	0090FM	14/00
40345.00	Cape Fear Little River Buoy 82	WATCHING PROPERLY	11534	0068FM	11/00

DISCREPANCIES (PRIVATE AIDS)

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
10334.20	LYNNHAVEN RIV E BRANCH DBN 30	MISSING	12222	NONEHR	11/98
10334.30	LYNNHAVEN RIV E BRANCH DBN 32	MISSING	12222	NONEHR	11/98
17855.00	Nanjemoy Creek Daybeacon 8	DBN DMGD	12288	0225BA	12/00
19360.00	HERRINGTON HBR ENT DBN 2	DBN DMGD	12266	0251BA	14/00
20430.00	SPARROWS PT PENNWOOD CH RF LT	LT EXT	12278	0294BA	31/98
20545.00	SPARROWS PT STEEL WORK CH RF LT	LT EXT	12278	0156BA	08/00
21180.00	FAIRFIELD CH BUOY 4	BUOYSINK	12281	0250BA	14/00
23335.00	JONES CREEK DAYBEACON 11	MISSING	12231	0186BA	09/00
23340.00	JONES CREEK DAYBEACON 12	OFF STA	12231	0187BA	09/00

DISCREPANCIES (PRIVATE AIDS) CORRECTED
None

III TEMPORARY CHANGES - TEMPORARY CHANGES CORRECTED:

This section contains temporary changes and corrections to Aids to Navigation for the current week. When aids are temporarily relocated for dredging, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Name of Aid	Status	Chart Affected	LNM Ref.
None				

TEMPORARY CHANGES CORRECTED

None

IV CHART CORRECTIONS

This section contains corrections to federal and private maintained Aids to Navigation, as well as NOS corrections. This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. **The mariner must decide which Chart(s) to correct. The following example explains the individual elements of a typical chart correction.**

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	04/19/97	LAST LNM 26/97	NAD 83	(CGD05)	50/97

(TEMP) NY-NJ-NEW YORK HARBOR - RARITAN RIVER

Corrective Action	Object of corrective Action	Position (Degrees, minutes, seconds and tenths)
Add	National Dock Channel Buoy 3, green can	40°41'09.0"N 074°02'48.1"W

The letter (M) immediately following the chart number indicates that the correction should be applied to the Metric side of the chart only. (Temp) Indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees true, clockwise from 000. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM).

11545 58th ed. 12/18/1999 LAST LNM: 43/99 NAD 83 — NOS-AMC — 14/00
BEAUFORT INLET AND PART OF CORE SOUND

Delete	depth legend: 10 FT 1985.	at	34-42-22.000N	076-37-31.000W

12214 42nd ed. 09/25/1999 LAST LNM: 45/99 NAD 83 — NOAA SURVEYOR — 14/00
CAPE MAY TO FENWICK ISLAND

Add	depth 29	at	38-55-38.000N	075-06-32.000W
	depth 31	at	38-56-19.000N	075-06-01.000W
	depth 34	at	38-55-59.000N	075-05-57.000W
	depth 34	at	38-55-56.000N	075-05-25.000W

12251 22nd ed. 02/28/1998 LAST LNM: 50/99 NAD 83 — NOS-AMC — 14/00
JAMES RIVER: JAMESTOWN ISLAND TO JORDAN POINT

Add	Tabulation - James River	centered at	37-20-38.000N	077-17-35.000W
Change	depth legend to: 25 FEET FOR A WIDTH OF 300 FEET NOV-DEC 1999	at	37-13-28.000N	076-55-41.000W
	depth legend to: 25 FEET FOR A WIDTH OF 300 FEET NOV-DEC 1999	at	37-12-58.000N	076-52-11.000W

12263 49th ed. 05/09/1998 LAST LNM: 44/99 NAD 83 — CGD05 — 14/00
CHESAPEAKE BAY: COVE POINT TO SANDY POINT

Add	Research Buoy, Fl Y 4s, yellow	at	38-38-03.880N	076-09-31.070W

12266 26th ed. 04/02/1994 LAST LNM: 43/99 NAD 83 — CGD05 — 14/00
CHESAPEAKE BAY: CHOPTANK RIVER AND HERRING BAY

Add	Research Buoy, Fl Y 4s, yellow	at	38-38-03.880N	076-09-31.070W

12304 40th ed. 02/20/1999 LAST LNM: 41/99 NAD 83 — NOAA SURVEYOR — 14/00
DELAWARE BAY

Add	depth 29	at	38-55-38.000N	075-06-32.000W
	depth 31	at	38-56-19.000N	075-06-01.000W
	depth 34	at	38-55-59.000N	075-05-57.000W
	depth 34	at	38-55-56.000N	075-05-25.000W

A weekly electronic update service is now available for NOAA's digital, raster nautical charts. All Notice to Mariner corrections from USCG, NIMA and CHS are included. The service is provided via a partnership between NOAA and Maptech, Inc. Further information is available from NOAA at 301-713-2770, http://chartmaker.ncd.noaa.gov or from Maptech at 978-933-3000, http://www.maptech.com.

V ADVANCE NOTICES: This section contains advance notice of approved projects or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas**.**

MD – MARINE PIER CHANNEL – Waterways Analysis and Management Systems Study

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the Marine Pier Channel. The study focuses on the area's Aids to Navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication capabilities, and future development projects. Any interested company or individual wishing to provide comments or participate in a user survey should contact:

Commanding Officer
USCGC JAMES RANKIN (WLB-555)
2401 Hawkins Point Road
Baltimore, MD. 21226-2703
ATTN: QMC Lewald

LNM 12/00

MD – POCOMOKE RIVER – Waterways Analysis and Management Systems Study

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the Pocomoke River. The study focuses on the area's Aids to Navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication capabilities, and future development projects. Any interested company or individual wishing to provide comments or participate in a user survey should contact:

Commanding Officer
USCGC CHOKEBERRY (WLI-65304)
810 Norris Harbor Drive
Crisfield, MD. 21817-0349
(410) 968-0971
ATTN: BM1 Metje

LNM 12/00

VA – PORTSMOUTH – Waterways Analysis and Management Systems Study

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the immediate vicinity surrounding the Portsmouth Marine Terminal. The study focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication capabilities, and future development projects. Any interested company or individual wishing to provide comments or participate in a user survey should contact:

Commanding Officer
USCGC FRANK DREW (WLM- 557)
4000 Coast Guard Blvd.
Portsmouth, VA. 23703
(757) 285-8534
ATTN: QM1 Whitney

LNM 12/00

NC – OREGON INLET – Waterways Analysis and Management Systems Study

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of Oregon, Hatteras, and Ocracoke Inlets. The study focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication capabilities, and future development projects. Any interested company or individual wishing to provide comments or participate in a user survey should contact:

Officer in Charge
USCG ANT Cape Hatteras
PO Box 579
Hatteras, NC 27943-0579
(252) 986-2177
ATTN: WAMS Officer

LNM 08/00

NC – CAROLINA BEACH, LOCKWOOD FOLLY AND SHALLOTTE INLET – Waterways Analysis and Management Systems Study

The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of Carolina Beach, Lockwoods Folly, and Shallotte Inlets. The study focuses on these areas' aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, routine and emergency communication capabilities, and future development projects. Any interested company or individual wishing to provide comments or participate in a user survey should contact either party listed below by 01 May 2000:

Commanding Officer
USCGC BLACKBERRY (WLI-65303)
300B Casewell Beach Road
Casewell Beach, NC 28465-8443
(910)278-6933

or

Commander
Coast Guard Group Fort Macon
2301 East Fort Macon Blvd.
Atlantic Beach, NC 28512-0237
Attn: CWO Moore
(252)247-4567

LNM 08/00

VI PROPOSED CHANGES: This section contains notice of **non-approved**, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to: Commander, Fifth Coast Guard District (Aoww), 431 Crawford Street, Portsmouth, VA 23704-5004, unless otherwise noted.

DE – CHRISTINA RIVER Aid to Navigation Change

The U. S. Coast Guard proposes to discontinue the following aid to navigation sound signal: Christina River South Jetty Light 1 (LL 3000). Comments on this proposal should be forwarded to the OFFICE OF THE COMMANDER (AOWW), FIFTH COAST GUARD DISTRICT, 431 CRAWFORD STREET, PORTSMOUTH, VA 23704-5004 no later than **April 15, 2000.**

VII GENERAL: This section contains information of general concern to the mariner. Mariners are advised to use caution while transiting these areas.

SEASONAL CHANGES TO AIDS TO NAVIGATION
1999-2000 ICE SEASON

The Coast Guard Aids to Navigation Units have commenced placing back into service Seasonal Aids to Navigation as per Light List: ATLANTIC COAST, VOLUME 2, COMDTPUB P16502.2, 1999 Edition. Mariners are advised that Seasonal Aids to Navigation are placed into service or changed at specific times of the year. The dates shown in the Light List under column 8 are approximate and may vary due to adverse weather or other conditions.

DREDGING AND CONSTRUCTION OPERATIONS

The following is a list of dredging operations being conducted in the Fifth Coast Guard District. Mariners should be aware that the dredge and pontoon lines are held in place by cables, which are attached to anchors some distance from the dredge and pontoons. Buoys are attached to the anchors so that they may be moved as the dredge advances. Mariners are advised that dredges, tugs, barges, submerged and or floating navigation may be temporarily relocated to facilitate dredging. The dredge and related equipment will be lighted and marked in accordance with International or Inland Navigation Rules and the dredge will monitor Channels 13 and 16 VHF-FM unless otherwise noted. Mariners are cautioned to strictly comply with Inland Navigation Rules when approaching, passing and leaving the area of operation, to remain a safe distance from the equipment, and to contact the dredge for specific transiting information.

CONSTRUCTION/DREDGING LOCAL NOTICE TO MARINERS NOTIFICATION DEADLINES

Construction and dredging companies should notify D5(Aow) at least 3 weeks prior to operation begin date for information to be published in the Local Notice to Mariners. It is requested that notification be delivered by fax and followed up by telephone. Fax# (757)398-6334 or (757)398-6303 and voice Phone# (757)398-6225 or (757)398-6486.

LOCATION	COMPLETION DATE	DREDGE	REF LNM
NJ – ICW – LITTLE EGG HARBOR BRIDGE CONSTR	JULY 2001	----------	02/00
NJ – BEESELY POINT – DREDGING	APRIL 8, 2000	DIXIE	13/00
PA – DELAWARE RIVER – FT. MIFFLIN – CONSTR	UNTIL FURTHER NOTICE	COMPLETE DIVING SERVICE	04/00
MD – LEHIGH PORTLAND CEMENT CO – CONSTR	JUNE 30, 2000	LEHIGH PORTLAND CEMENT	48/99
MD – WASHINGTON DC – KINGMAN LAKE – DREDGING	MARCH 30, 2000	BLUE RIDGE	46/99
MD – VA – FISHERMANS ISLAND	UNTIL FURTHER NOTICE	WRIGHT DREDGE	32/99
VA – ATLANTIC OCEAN – 42ND ST PUMPING STATION	MAY 31, 2000	ARCHER WESTERN CO	46/99
VA – JAMES RIVER	UNTIL FURTHER NOTICE	HAMPTON ROADS	32/99
VA - ELIZABETH RIV - LAMBERTS END-CONSTRUCTION	JUNE 2000	----------	16/99
VA – HAMPTON ROADS NORFOLK HARBOR CONSTR	JUNE 2002	TIDEWATER CONSTR	25/99
VA – HAMPTON ROADS NORFOLK HARBOR DREDGE	UNTIL FURTHER NOTICE	ESSEX	40/99
VA – ELIZABETH RIVER DREDGING	JUNE 2000	MARY HOPE	28/99
VA – ELIZABETH RIVER NORFOLK NAVAL SHIPYARD	JULY 2002	TIDEWATER CONSTR	05/00
VA – ELIZABETH RIVER - NAUTICUS – DREDGING	SEPTEMBER 2000	TIDEWATER CONSTR	04/00
VA – HONGA RIVER – HOOPERS ISLAND BRIDGE	JULY 31, 2000	MARYLAND DIVING	10/00
VA – LYNNHAVEN BAY – LYNNHAVEN RIVER	UNTILE FURTHER NOTICE	NORFOLK DREDGING CO	10/00
VA – RUDEE INLET	UNTIL FURTHER NOTICE	RUDEE II	39/99
VA – RUDEE INLET – DREDGING	UNTIL FURTHER NOTICE	HAMPTON ROADS	13/00
NC – NEW BERN – CONSTRUCTION	SEPTEMBER 30, 2000	MCLEAN CONTRACTING CO	46/99
VA – YORK RIVER – WEAPON STATION – CONST	MARCH 2000	MCLEAN CONTRACTING CO	12/00
NC – SILVER LAKE HARBOR MANTEO BAY – DREDGING	APRIL 30. 2000	CONTELL CONSTRUCTION	03/00
NC – OREGON INLET DREDGING	UNTIL FURTHER NOTICE	ATCHAFALAYA	40/99
NC – BOGUE INLET TO S.C. STATE LINE	JUNE 30, 2000	MARION	10/00
NC – ATLANTIC – ICW – CONSTRUCTION	JULY 31, 2001	----------	17/99
NC - CROATAN SOUND - BRIDGE CONSTRUCTION	DECEMBER 2001	----------	09/99
NC – WILMINGTON HARBOR – DREDGING	APRIL 1, 2000	DODGE ISLAND / SUGAR IS.	05/00

SUMMARY OF SHOALING

The following list is a summary of shoaling articles published in the D-5 Local Notice to Mariners. For the complete article see the number listed under REF LNM. However shoaling is subject to continual change. In many inlets hydrography is not shown due to frequent changes. All mariners are urged to use caution when transiting these areas.

LOCATION	PUBLISHED DATE	CHART	REF LNM
NJ - ICW - TOW ISLAND	26 MAY 98	12316	21-98
NJ - MANASQUAN INLET	10 FEB 98	12324	06-98
NJ - DE - DELAWARE BAY MAIN CHANNEL	28 JUL 98	12304	30-98
DE - MURDERKILL RIVER	05 MAY 98	12304	18-98
MD - OCEAN CITY INLET	10 FEB 98	12211	06-98
MD - ICW - CAPE MAY CANAL	24 MAR 98	12316	12-98
MD - CHESAPEAKE BAY - KNAPPS NARROWS	07 JUL 98	12266	27-98
MD - CHESAPEAKE BAY	6 OCT 98	12233	40-98
MD - ISLE OF WIGHT BAY	14 NOV99	12211	44-99
VA - CHINCOTEAGUE CHANNEL	14 NOV 99	12210, 12211	46-99
NC - OREGON INLET	22 JUN 99	12204, 12205	25-99
NC – MANTEO CHANNEL – ROANOKE SOUND	08 JUN 99	12204	23-99
NC - SHALLOTTE INLET	24 AUG 99	11541	34-99
NC – SHALLOTTE INLET	21 MAR 00	11541	12-00
NC - ELIZABETH RIVER SOUTHERN BRANCH	13 JAN 98	12206	02-98
NC - CAUSEWAY CHANNEL	13 JAN 98	11541	02-98
NC - CAPE FEAR RIVER	21 APR 98	11537	16-98
NC - NEW RIVER INLET	28 APR 98	11542	17-98
NC - ROLLINSON CHANNEL	6 OCT 98	11555	40-98
NC - WALTER SLOUGH CHANNEL	14 JUL 98	12205	28-98
NC - MOREHEAD CITY CHANNEL	14 OCT 97	11545	41-97

INFORMATION CONCERNING BRIDGES ACROSS NAVIGABLE WATERS OF THE FIFTH COAST GUARD DISTRICT

The following is a list of operating information for certain bridges within the Fifth Coast Guard District. Mariners are advised that the bridges may be operating on a temporary schedule, with reduced clearances, undergoing bridge repairs or under new bridge construction. Mariners are advised to proceed with caution, comply with Inland Navigation Rules at all bridges and to contact the bridge on channels 13 and 16 VHF-FM. For more information refer to the referenced Local Notice To Mariner or contact the Bridge Administration Office of the Fifth Coast Guard District at 804-398-6222.

BRIDGE	TYPE	WATERWAY	MILE	SUBJECT	LNM
Stoney Creek	DR	Stoney Creek	0.9	Electrical repairs	50/99
Route 162	F	Cape May Canal	113.8	Bridge Construction	03/00
Passyunk Avenue Bridge PA		Schuylkill River	3.5	Bridge Construction	07/00
I-295 Highway	F	Rancocas Creek	8.0	Bridge Reconstruction	31/96
Garden State Highway	F	Great Egg Bay	3.5	Bridge Reconstruction	47/99
Passyunk Avenue		Schuylkill River	3.5	Bridge Construction	42/99
Railroad Bridge 3-928R, DE	F	Lewes-Rehobeth Canal	2.2	Bridge Repairs	29/96
William Preston Lane JR., MD	F	Chesapeake Bay	138.0	Bridge Painting	19/98
Trippe Creek, MD		Trippe Creek		Bridge Construction	37/97
Central Light Railroad, MD	F	Patapsco River	13.9	Bridge Construction	21/96
Cat River Bridge, VA	F	Wallops Island	1.0	Partially Block	35/98
Dismal Swamp Canal, VA	F	Dismal Swamp Canal		Lock Information	29/97
Fairfield	F	AICW	113.8	Bridge Construction	42/99
Croatan Sound		Croatan Sound		Bridge Construction	23/98
Morehead-Beaufort Bridge	F	AICW		Bridge Information	12/96

KEY: F=Fixed, DR=Draw, RIV=River, CH=Channel, HBR=Harbor, AICWW=Atlantic Intracoastal Waterway, B=Bascule,E=East(Eastern), W=West(Western), S=South(Southern),N=North(Northern), SW=Swing Bridge, SYS=System, RR=Railroad, Sked=Schedule, Constr=Construction, Rest=Restricted, SR=State Route, RSP=Removable Span, VL=Vertical Lift

ARTICLES

NJ - ICW - LITTLE EGG HARBOR TO CAPE MAY CANAL – Bridge information

Effective Friday, April 21, 2000, Cape May Seashore Lines (CMSL) will resume tourist passenger train service, for the spring, at the Cape May Canal Railroad Bridge, at ICW mile 115.1, in Cape May County, New Jersey. Spring train service will be performed on weekends only through June 12, 2000. During this time, the bridge's swing span will be closed for approximately 10 minutes to vessels at the following times: 10:30 a.m.; 11 a.m.; 12:30 p.m.; 1 p.m.; 2:30 p.m.; 3 p.m.; 4:30 p.m. and 5 p.m. Bridge operators can be reached by calling (609) 884-9482 or by marine radio on channels 13 or 16 VHF-FM. Additional information on CMSL and train services can be provided on their web site at www.cmslrr.com. Mariners are advised to plan their trips accordingly and to exercise caution when transiting the area.

LNM 13/00

NJ – BEESLEY'S POINT – B L ENGLAND STATION – Dredging

Gwin Dredging and Dock Inc. is dredging in the area of England Station until 8 April, 2000. Dredge Dixie wil be on scene monitoring channels 13 and 16 VHF-FM. All mariners are requested to use caution when transiting the area.

LNM 13/00

NJ – DE – DELAWARE BAY ENTRANCE – Traffic Separation Scheme

The Coast Guard is codifying the existing traffic separation scheme (TSS) in the approaches to Delaware Bay. The current scheme consist of an Eastern approach, a Southern approach, a two-way route for use by tug and tow traffic, and a precautionary area configured to exclude shoal areas too shallow for deep draft vessels. Its arrangement separates large inbound vessels from tug and barge traffic on traditional New Jersey coastal routes. The TSS reduces the number of near misses and the probability of an incident that could result in a major chemical or petroleum oil spill.
http://frwebgate5.access.gpo.gov/cgi-bin/waisgate.cgi?WAISdocID=224976347+0+0+0&WAISaction=retrieve

LNM 12/00

MD – CHESAPEAKE BAY – CHOPTANK RIVER – Research Buoy
The University of Maryland, Center for Environmental Science, Horn Pt Laboratory will reestablish it oceanographic/ meteorological data buoy in the Choptank River, approx. 0.6 nm Northeast of Castle Haven. Position 38-38-03.88 076-09-31.07, the buoy is yellow with a Fl 4s amber light. The buoy will be in the area until winter. Data can be read on the internet at: http://www.cbos.org/client.cgi

LNM 12/00

MD – CHESAPEAKE BAY – PATUXENT RIVER – NAVAL AIR STATION – Acoustic Testing
Patuxent River Naval Air Station, Special Trails Unit, AAAV test team will be conducting an acoustic test to determine underwater noise generated by the AAAV. The test area is within the cove bounded by Point Patience to the Solomon Island Bridge, approximately 800 feet from the government pier. The area will be marked by a line of RED marker Buoys. All instrumentation and cabling will be on the bottom. All mariners are requested to use caution when transiting the area.

LNM 12/00

MD - CHESAPEAKE BAY ENTRANCE - RAPPAHANNOCK SHOAL CHANNEL SOUTH RANGE FRONT AND REAR LIGHT (LLNR 7290 & 7295).
Beginning on 03 April, 2000 the Coast Guard will be working on Rappahannock Shoal Channel South Range Front and Rear Lights. Only the daytime range lights will be extinguished until 17 April, 2000, but the passing lights should still be visible. All mariners are requested to use caution when transiting the area.

LNM 11/00

MD - CHESAPEAKE BAY ENTRANCE - RAPPAHANNOCK SHOAL CHANNEL SOUTH RANGE FRONT AND REAR LIGHT (LLNR 7290 & 7295).
Beginning on 03 April, 2000 the Coast Guard will be working on Rappahannock Shoal Channel South Range Front and Rear Lights. The range lights will be extinguished until 17 April, 2000, but the passing lights should still be visible. All mariners are requested to use caution when transiting the area.

LNM 11/00

MD – ANNAPOLIS POWER SQUADRON – Boating Courses
The Annapolis Power Squadron will offer three Wednesday evening courses on the following dates:
7:30 p.m. – 9:30 p.m. March 15 thru May 3, 2000
Classes will be held at the Annapolis Middle School located on Spa Road. The course topics will be Seamanship and Boat handling, required equipment and its use, basic Rule to Navigation, chart and plotting a course, safety equipment and emergency practices, radio use, trailing your boat and PWC Rules and Regulations. Registration will be taken on the first day of class. Instruction is free and a Nominal fee will be charged for course material. Certificates will be issued to those who pass the exam on the last day of class. For more information call (410)263-8777. For courses in other locations call (888)367-87

MD – HONGA RIVER – HOOPERS ISLAND BRIDGE – Diving Operations
The Maryland Diving Service, will have a spud/anchor barge anchored off the Hoopers Island Bridge on the Honga River and Chespeake Bay side of the bridge starting March 13, 2000 through July 31, 2000. The barge will be lighted and the anchors will extend several hundred feet from the barge and will be buoyed.. Mariners are advised to use extreme caution when transiting the area due to divers in the water, and numerous small boats operating in the area in conjunction with the divers.

LNM 10/00

VA – YORK RIVER – YORKTOWN NAVAL WEAPON STATION – Construction
Mclean Contracting Company is replacing the existing south pier and trestle of the loading pier at the Naval Weapons Station at Yorktown, Virginia through December 2001. Vessels Cape Fear and Fort Macon will be on scene monitoring channels 13 and 16 VHF-FM. All mariners are requested to use caution when transiting the area.

LNM 12/00

VA – NORFOLK HARBOR – Construction
Tidewater Construction Corporation commenced construction of the pier 21 replacement and pier 22 demolition contract at Norfolk Naval Base. Barge mounted cranes, material barges, tugboats and crew boats will be utilized for the construction of this facility. The construction will be in progress through February 2002. All mariners are requested to use caution when transiting the area.

LNM 12/00

VA – LYNNHAVEN BAY – LYNNHAVEN RIVER
The dredges NADINE and MUD CAT have commenced dredging operations in the Western Branch of the Lynnhaven River and its tributaries and will continue until further notice. The dredge operator will standby on Channels 13 and 16 VHF-FM. All mariners are requested to use caution while transiting the area

LNM 10/00

NC – OREGON INLET – Dredging – Aids to Navigation
Due to dredging operations within Oregon Inlet and Old House Channel numerous aids have been moved off their assigned position or temporarily discontinued and should be considered unreliable until dredging operations are completed. The dredge RICHMOND can be contacted on channel 13/16VHF-FM. All mariners are requested to use caution when transiting the area.

LNM 14/00

NC – SHALLOTE INLET – Shoaling
Shoaling has been reported in the vicinity of Shallote Inlet Buoy 3 (LLNR 31065) and Shallote Inlet Buoy 4 (LLNR 31070) to a depth of 4 feet MLW. All mariners are requested to use caution when transiting the area.

LNM 12/00

NC – BOGUE INLET to S.C. State Line – Dredging Operations
The dredge ”MARION” of Cottrell Contracting Corporation, Chesapeake, Virginia, will be conducting dredging operations in the North Carolina Intracoastal Waterway between Bogue Inlet and the South Carolina state line, during the period of March 10, 2000 through June 30, 2000. All mariners are requested to exercise caution while transiting the area.

NC - NEW RIVER - Firing exercises

The Commanding General, Marine Corps Base, Camp Lejeune, North Carolina, has advised that the area in the Atlantic Ocean between a point approximately 4.5 miles east of Bogue Inlet to a point approximately 10.0 miles southwest of New River Inlet, North Carolina, within the existing danger zone (depicted as 334.440) as shown on National Ocean Service Chart 11543, will be hazardous to navigation because of field firing exercises during the following periods:
None

Firing to 3 miles seaward.
Vessels are urged to avoid the above area during the periods stated except for the Atlantic Intracoastal Waterway, where mariners traveling through this area can expect a delay of about one hour during the above times. Range Control Boats, Marine Corps Base Camp Lejeune, North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz).
The restricted areas in New River, as shown on National Ocean Service Chart 11542, will be closed to navigation because of firing exercises during the following periods:

Jacksonville Sector	Sunrise to Sunset daily,	10 – 16 April, 2000
Farnell Bay Sector	Sunrise to Sunset daily,	10 – 16 April, 2000
Traps Bay Sector	Sunrise to Sunset daily,	10 – 16 April, 2000
Stone Bay Sector	12:01 a.m. to Midnight,	10 – 16 April, 2000
Stone Creek Sector	12:01 a.m. to Midnight,	10 – 16 April, 2000
Grey Point Sector	12:01 a.m. to Midnight,	10 – 16 April, 2000

Ship operations consisting of landing craft, amphibious vehicles, and helicopters will be conducted in the Onslow Beach operating area and all sectors of New River from 12:01 a.m. to Midnight 10-16 April, 2000. Range Control Boats, Marine Corps Base Camp Lejeune, North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz).
Charts: 11542, 11543

VIII LIGHT LIST CORRECTIONS for COMDTPUBP16502.2 Volume II 1999 Edition

An asterisk *, indicates the column in which a correction has been made or new information added.

(1) LLNR	(2) Name and Location	N/W (3) Position	(4) Characteristic	(5) Ht	(6) Rng	(7) Structure	(8) Remarks	LNM
19690	CHANNEL LIGHT 1AH		**FL G 4S**	15	4	SG on pile. *	14/00	

http://pollux.nss.nima.mil/pubs/USCGLL/pubs_j_uscgll_list.html

U.S.C.G. AUXILIARY BOATING CLASS SCHEDULE FOR FIFTH DISTRICT APR 2000 - SEP 2000

Many states require boaters to attend Boater Education Courses. In our district, New Jersey requires all power vessel and personal water craft (PWC) operators, Pennsylvania requires motor boat operators 12-15 years old and all PWC operators, Delaware requires all vessel operators born after January 1, 1978, Maryland requires all vessel operators born after July 1, 1972 and District of Columbia requires all vessel operators to attend Boater Education Courses. The state of Virginia requires PWC operators 14-15 years old and North Carolina requires PWC operators 12-15 years old without an adult on board to attend boating course however, do not require adults to attend any boating courses. The US Coast Guard Auxiliary recommends all operators attend boater education course.

FLOTILLA	CITY	STATE	LOCATION	DATE	CLASS	CONTACT	PHONE
07-12	Ship Bottom	NJ	Ship Bottom Borough Hall	4/28/00	Boating Skills and Seamanship	Joe Lupa	609-597-4876
07-12	Ship Bottom	NJ	Ship Bottom Borough Hall	4/28/00	Boating Skills and Seamanship	Joe Lupa	609-597-4876
13-05	Mt Laurel	NJ	Hartford School Room A108	5/17/00	Boating Skills and Seamanship	Dan Carter	856-983-4171
08-02	Cape May	NJ	1519 Yacht Avenue	4/29/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	5/13/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	6/3/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	6/10/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	6/17/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	7/8/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	7/22/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	8/12/00	Boating Safely	Bruce Long	609-898-0442
08-01	Ocean City	NJ	Stainton Senior Center	4/11/00	Boating Skills and Seamanship	Morton Pearlman	609-525-0665
08-01	Ocean City	NJ	Stainton Senior Center	5/3/00	Basic Coastal Navigation	Morton Pearlman	609-525-0665
08-01	Ocean City	NJ	Stainton Senior Center	5/20/00	Global Positioning System	Morton Pearlman	609-525-0665

FLOTILLA	CITY	STATE	LOCATION	DATE	CLASS	CONTACT	PHONE
08-01	Ocean City	NJ	Stainton Senior Center	6/3/00	Boating Skills and Seamanship	Morton Pearlman	609-525-0665
07-09	Lanoka Harbor	NJ	Mill Pond School	5/11/00	Boating Safely	Kathleen de Ferrari	609-693-2121
07-09	Lanoka Harbor	NJ	Mill Pond School	7/11/00	Boating Safely	Kathleen de Ferrari	609-693-2121
16-07	Manasquan	NJ	Manasquan Elementary School	5/13/00	Boating Safely	Brenda Moscatiello	732-447-6638
16-07	Manasquan	NJ	Manasquan Elementary School	6/10/00	Boating Safely	Brenda Moscatiello	732-447-6638
15-05	Northumberland	PA	Yogi on the River Campground	6/17/00	Boating Safely	Yogi Camp	570-473-8021
15-05	Winfield	PA	Winfield River edge Camp	5/20/00	Boating Safely	River Edge Camp	570-524-0453
2-76	Philadelphia	PA	CG Base Penns landing	5/8/00	Boating Skills and Seamanship	Phil Heisler	215-331-3386
11-04	Reading	PA	2058 River Road	5/6/00	Boating Safely	Dianne Bossler	610-678-7998
12-02	Lewes	DE	Angola-By-The-Bay Clubhouse	4/29/00	Delaware State Course	Ruth Jopling	302-945-8806
13-05	Mt Laurel	NJ	Hartford School Room A108	5/17/00	Boating Skills and Seamanship	Dan Carter	856-983-4171
08-01	Ocean City	NJ	Stainton Senior Center	5/30/00	Boating Skills and Seamanship	Mort Pearlman	609-525-0665
08-02	CAPE MAY	NJ	USCG TRAINING CTR-TRACEN	07/08/00	Boating Safety Course	Bruce Long	609-898-0442
08-02	CAPE MAY	NJ	USCG TRAINING CTR-TRACEN	0722/00	Boating Safety Course	Bruce Long	609-898-0442
08-02	CAPE MAY	NJ	USCG TRAINING CTR-TRACEN	08/12/00	Boating Safety Course`	Bruce Long	609-898-0442
08-02	CAPE MAY	NJ	USCG TRAINING CTR-TRACEN	09/18/00	Boating Safety Course`	Bruce Long	609-898-0442
16-07	Manasquan	NJ	Manasquan Elementary School	5/13/00	Boating Safely	Brenda Moscatiello	732-447-6638
16-07	Manasquan	NJ	Manasquan Elementary School	6/10/00	Boating Safely	Brenda Moscatiello	732-447-6638
13-05	Mt Laurel	NJ	Hartford School Room A108	5/17/00	Boating Skills and Seamanship	Dan Carter	856-983-4171
01-05	New Castle	DE	Ommelanden Hunter Ed Center	04/25/00	BCN	Paul Eldridge	302-737-4479
Flot 12-05	Ocean City	MD	Northside Park	4/24/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Northside Park	5/16/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Northside Park	6/13/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Northside Park	7/18/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Northside Park	8/15/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Frontier Town	6/19/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Frontier Town	7/10/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Frontier Town	8/7/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Northside Park	7/6/00	Piloting	Craig Oliver	410 208-0644
Flot 05-05	Centerville	VA	Centerville Waterway Mar	5/13/00	BSC		757 547-4498
Flot 05-05	Centerville	VA	Centerville Waterway Mar	4/15/00	BSC		757 547-4498
Flot 06-06	Mathews	VA	Mathews HS	5/19/00	GPS		804 694-5425
Flot 05-04	Norfolk	VA	Atlantic Marine Ctr	4/24/00	BSC		757 475-9478
Flot 05-04	Norfolk	VA	Atlantic Marine Ctr	5/9/00	BS&S		757 475-9478
Flot 05-01	Portsmouth	VA	West Br Diesel Tng Ctr	5/6/00	BSC		757 399-8138
Flot 05-01	Portsmouth	VA	West Br Diesel Tng Ctr	5/6/00	BSC		757 399-8138
Flot 05-07	Virginia Beach	VA	First Colonial HS	5/5/00	BSC&PWC		757 481-6762
Flot 03-03	Kilmarnock	VA	Lancaster Comm Library	6/6/00	PWC&BS	Doug Wiseman	804 462-0234
Flot 03-03	Kilmarnock	VA	Lancaster Comm Library	9/19/00	Adv Nav	Doug Wiseman	804 462-0234

J. E. SHKOR
VICE ADMIRAL, U. S. COAST GUARD

Enclosures

1. Channel Chart Tabulation 12251